

In the Claims:

Please cancel claims 1-8 and 16-22, for pursuit in a subsequent divisional application. A detailed listing of the claims is provided, below.

1. - 8. (Canceled)

9. (Original) A method of sensing glucose, said method comprising: providing an apparatus comprising a plurality of metallic single-walled carbon nanotubes with a voltage potential thereacross, said nanotubes arranged and configured to define at least one interstitial space and contacting a glucose oxidase component;

introducing glucose to said glucose oxidase component; and

monitoring electrical response upon interstitial sorption of hydrogen gas.

10. (Original) The method of claim 9 wherein said glucose is in a fluid medium at a concentration greater than about 1 mM.

11. (Original) The method of claim 9 wherein said medium has a volume less than about 10 μ L.

12. (Original) The method of claim 9 wherein said medium comprises a bodily fluid.

13. (Original) The method of claim 9 wherein said glucose oxidase is of a bacterial origin.

14. (Original) The method of claim 9 wherein said response is a change in resistance of said nanotubes.

15. (Original) The method of claim 9 wherein glucose is oxidized to gluconic acid.

16. - 22. (Canceled)